	Application No.	Applicant(s)		
Notice of Allowability	10/660,637	VOKOKOHILET	YOKOKOHJI ET AL.	
	Examiner	Art Unit	AL OK	
	Tai T. Nguyen	2632	u,	
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REMAINS) CLOSED in or other appropriate commu IGHTS. This application is su	this application. If not inc nication will be mailed in o	duded due course. THIS	
1. \boxtimes This communication is responsive to <u>amendment filed on N</u>	March 21, 2005.			
2. The allowed claim(s) is/are 25-34.				
3. \boxtimes The drawings filed on <u>12 September 2003</u> are accepted by	the Examiner.			
 4. Acknowledgment is made of a claim for foreign priority una) All b) Some* c) None of the: Certified copies of the priority documents have Certified copies of the priority documents have Copies of the certified copies of the priority documents have Copies of the certified copies of the priority documents have linternational Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	been received. been received in Application	n No	lication from the	
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	of this communication to file IENT of this application.	a reply complying with the	e requirements	
5. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give	itted. Note the attached EXA es reason(s) why the oath or	MINER'S AMENDMENT of declaration is deficient.	or NOTICE OF	
6. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.			
(a) ☐ including changes required by the Notice of Draftspers	on's Patent Drawing Review	(PTO-948) attached	•	
1) hereto or 2) to Paper No./Mail Date				
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date	s Amendment / Comment or	in the Office action of		
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t	.84(c)) should be written on the	e drawings in the front (not	the back) of	
7. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT	sit of BIOLOGICAL MATE	RIAL must be submitte	d. Note the	
Attachment(s) 1. ☑ Notice of References Cited (PTO-892)	5. Notice of Info	ormal Patent Application (PTO-152)	
2. Notice of Draftperson's Patent Drawing Review (PTO-948)		mmary (PTO-413),		
3. Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 06/16/04		Mail Date <u>05/02/05</u> . Amendment/Comment		
4. Examiner's Comment Regarding Requirement for Deposit		Statement of Reasons for	Allowance	
of Biological Material	9. 🗌 Other			

DETAILED ACTION

Priority

Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which 1. papers have been placed of record in the file.

Election/Restrictions

2. Claims 1-24 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected claimed invention, there being no allowable generic or linking claim. Election was made without traverse in the reply filed on 03/21/05.

Applicant's election with traverse of group IV in the reply filed on 03/21/05 is acknowledged. The traversal is on the ground(s) that groups IV and V have common features and should be rejoined. This is found persuasive, group V has been rejoined with group IV and all the claims of groups IV and V have been examined.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Carole A. Quinn on May 2, 2005.

The application has been amended as follows:

Cancel claims 1-24.

Allowable Subject Matter

- 4. Claims 25-34 are allowed (renumbered as 1-10).
- 5. The following is an examiner's statement of reasons for allowance: the prior art of record does not teach or suggest, in the claimed combination, an information processing method comprising and an apparatus for detecting a position of an index in a sensed image sensed by an image sensing unit adapted to sense an image of a real space where the index is laid out and a first calculation step of calculating a coordinate position of the index upon projecting the index in the real space onto the sensed image on the basis of the position of the index in the real space and a position and orientation of the image sensing unit when at least one of the position of the index in the real space and the position and orientation of the image sensing unit is obtained based on a measurement, and executing a process for determining correspondence between indices at coordinate positions with a smaller distance on the basis of the coordinate positions of the indices detected and the detection step and the coordinate position calculated in the first calculation step on the sensed image, comprising: a second calculation step of calculating a value using a normal vector to an index of interest and a visual axis vector of the image sensing unit; and determining on the basis of a range of

the value calculated in the second calculation step, whether or not the process for calculating the coordinate position of the index of interest on the sensed image in the first calculation step is to be executed, wherein when it is determined in the determination step that the process for calculating the coordinate position of the index of interest on the sensed image in the first calculation step is to be executed, the process for determining correspondence between indices at coordinate positions with a smaller distance is executed based on the coordinate position of the index of interest calculated in the first calculation step and the coordinate positions of the indices detected in the detection step.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Smith et al. (US 6,281,806) and Lemelson et al. (US 6,275,773).

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tai T. Nguyen whose telephone number is (571) 272-2961. The examiner can normally be reached on Monday-Friday from 7:30am-5:00pm...

Application/Control Number: 10/660,637 Page 5

Art Unit: 2632

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel J. Wu can be reached on (571) 272-2964. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Tai T. Nguyen Examiner

Art Unit 2632

May 2, 2005